

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) 'PATENT AND TRADEMARK OFFICE'	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	

ATTY. DOCKET NO.
5542,02SERIAL NO.
09/957,401APPLICANT:
Herbert J. NEUHAUS et al.FILING DATE
19 September 2001GROUP
Not Yet Assigned 2826

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>an</i>	3,818,415	06/1974	Evans et al.	339	17 F	
<i>an</i>	4,680,226	07/1987	Takeda	428	327	
<i>an</i>	4,804,132	02/1989	DiFrancesco	228	115	
<i>an</i>	4,814,040	03/1989	Ozawa	156	634	
<i>an</i>	4,999,136	03/1991	Su et al.	252	512	
<i>an</i>	5,001,542	03/1991	Tsukagoshi et al.	357	68	
<i>an</i>	5,083,697	01/1992	DiFrancesco	228	116	
<i>an</i>	5,128,746	07/1992	Pennisi et al.	357	72	
<i>an</i>	5,225,966	07/1993	Basavanhally et al.	361	406	
<i>an</i>	5,300,340	04/1994	Calhoun et al.	428	40	
<i>an</i>	*5,334,809	08/1994	DiFrancesco	200	262	
<i>an</i>	5,430,614	07/1995	DiFrancesco	361	785	
<i>an</i>	5,456,404	10/1995	Robinette, Jr. et al.	228	104	
<i>an</i>	*5,471,151	11/1995	DiFrancesco	324	757	
<i>an</i>	*5,494,730	02/1996	Calhoun et al.	428	164	
<i>an</i>	*5,506,514	04/1996	DiFrancesco	324	757	
<i>an</i>	*5,565,280	10/1996	DiFrancesco	429	34	
<i>an</i>	5,634,265	06/1997	DiFrancesco	29	825	
<i>an</i>	*5,642,055	06/1997	DiFrancesco	324	757	
<i>an</i>	5,670,251	09/1997	DiFrancesco	428	325	
<i>an</i>	5,829,988	11/1998	McMillan et al.	439	70	
<i>an</i>	*5,835,359	11/1998	DiFrancesco	361	803	
<i>an</i>	5,841,291	11/1998	Liu et al.	324	755	
<i>an</i>	*5,847,571	12/1998	Liu et al.	324	754	
<i>an</i>	5,880,591	03/1999	Raymond	324	758	
<i>an</i>	5,949,029	09/1999	Crotzer et al.	174	254	
<i>an</i>	6,096,982	08/2000	DiFrancesco	174	268	

*Cumulative of one or more patents.

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

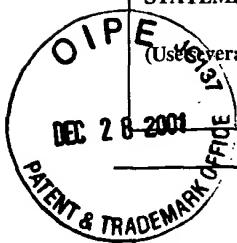
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>an</i>	I. Motizuke, et al., "Preparation of Anisotropic Conductive Fine Particles by Electroless Nickel Plating, Trans IMF, 1999, pp 41-43.
<i>an</i>	Feldstein; Chapter 11, "Composite Electroless Plating; Electroless Plating", Fundamentals & Applications, Date Unknown, pgs. 269-286.
<i>an</i>	Wemle, "Manufacturing of Low Cost Smart Label," presented at Intern'l Microelectronics Symposium, October 2000, pgs. 1-5.
<i>an</i>	Grojean, et al., "Some Morphological Characteristics of the Incorporation of Silicon Carbide (SiC) Particles Into Electroless Nickel Deposits", Surface Coatings & Technology 14: 2000, pgs. 252-256.

EXAMINER *an* DATE CONSIDERED *6/27/02*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>PC</i>	Dr. Herbert J. Neuhaus et al., "Manufacturing and Reliability of Chip Module to Antenna Coil Contacts in Dual Interface Smart Cards", Int'l Microelectronics and Packaging Society Symposium, October 1999
<i>PC</i>	Dr. Herbert J. Neuhaus, "Advances in Materials for Low Cost Flip-Chip", Advancing Microelectronics, Vol. 27, No. 4, July/August 2000, pp. 12-14
<i>PC</i>	Dr. Michael E. Wermle, "Manufacturing of Low Cost Smart Labels", Int'l Microelectronics Symposium, September 2000
<i>PC</i>	Dr. Ken Gilleo, "Evaluating Polymer Free Assembly Solders for Lead - Part I", Circuits Assembly, January 1994, pp. 52-56

EXAMINER

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